78-045 ELMO QUADRANGLE UNITED STATES WYOMING-CARBON CO. 26 OF 44 DEPARTMENT OF THE INTERIOR 7.5 MINUTE SERIES (TOPOGRAPHIC) GEOLOGICAL SURVEY NE. 4 HANNA 15' QUADRANGLE 4668 II SE (T E RANCH) 35' R. 82 W. R. 81 W. **EXPLANATION** -----10-----MINING RATIO CONTOUR-Number indicates cubic yards of overburden and cumulative interburden per ton of coal recoverable by surface-mining methods. Contours shown only for leasable Federal coal lands suitable for surface mining 3 methods above the stripping limit. -----SL -----STRIPPING LIMIT LINE-Boundary for surface mining of coal bed. Limit is 500 feet of overburden and cumulative interburden. Dashed where inferred. DRILL HOLE-Showing mining ratio value only for leasable Federal coal lands. Drill holes which do not intersect top of coal bed or from which mining ratios could not be determined are not shown. 10 9 10 11 TRACE OF COAL BED OUTCROP-Showing the name of the coal bed. FAULT-U, upthrown side; D, downthrown STRIP MINE To convert feet to meters, multiply feet by 0.3048. 13 16 15 15 14 OPEN FILE REPORT This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomencla-57'30" 57'30" 20 24 19 22 21 22 23 30 29 25 26 32 36 35 31 33 T. 23 N. T. 22 N T. 22 N. 11 12 16 15 14 13 15 41°52′30″ 106°37′30″ 41°52′30″ 106°30′ (HANNA) 4667 I SE R. 82 W. R. 81 W. Base map from U.S. Geological Survey, 1971 Compiled in 1977 by Texas Instruments Incorporated SCALE 1:24 000 PLATE 25 WYOMING MINING-RATIO MAP OF COAL BED

COAL RESOURCE OCCURRENCE MAP OF THE ELMO QUADRANGLE,

CARBON COUNTY, WYOMING

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